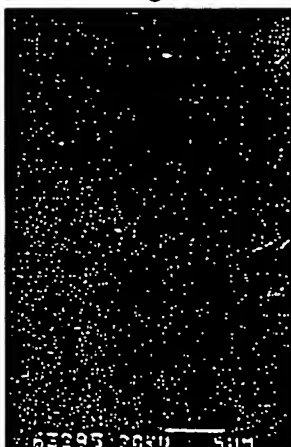
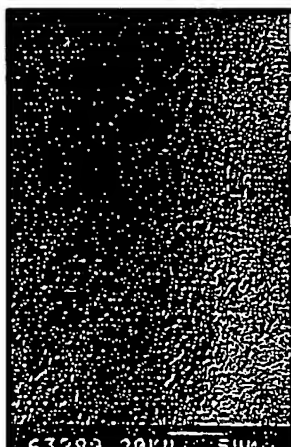


High Magnification Scanning Electron Micrograph

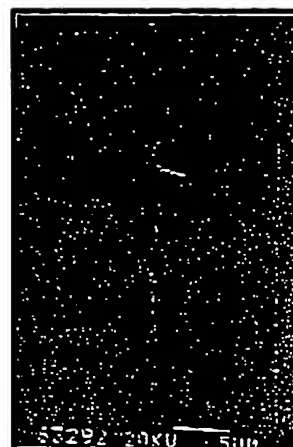
PA14 gacA-



PA14 toxA-

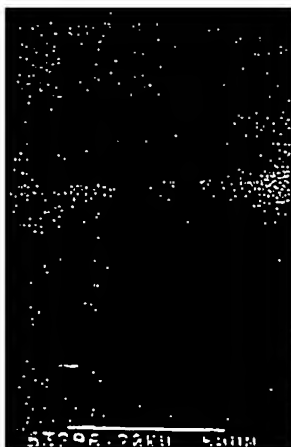


PA14 WT



Low Magnification Scanning Electron Micrograph

PA14 gacA-



PA14 toxA-



PA14 WT



FIG. 4

BEST AVAILABLE COPY

wild type

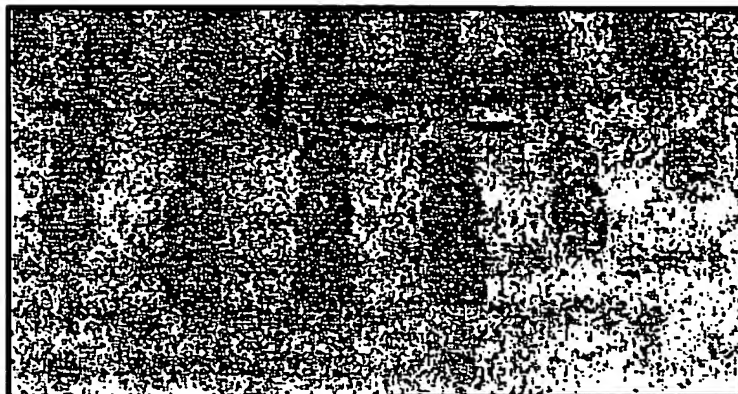


FIG. 8A

gacS- mutant

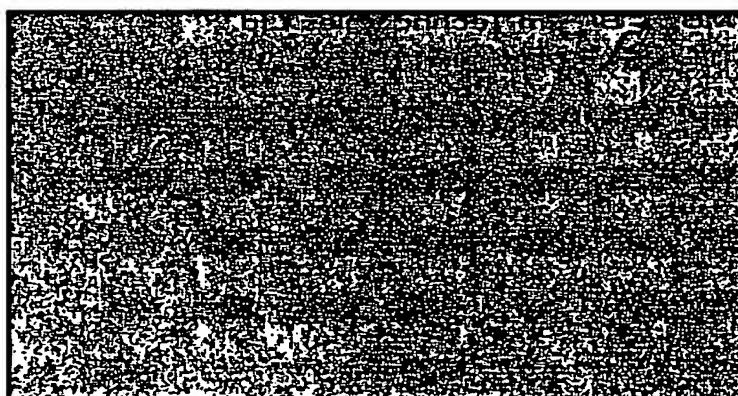


FIG. 8B

gacS/+ - complemented mutant

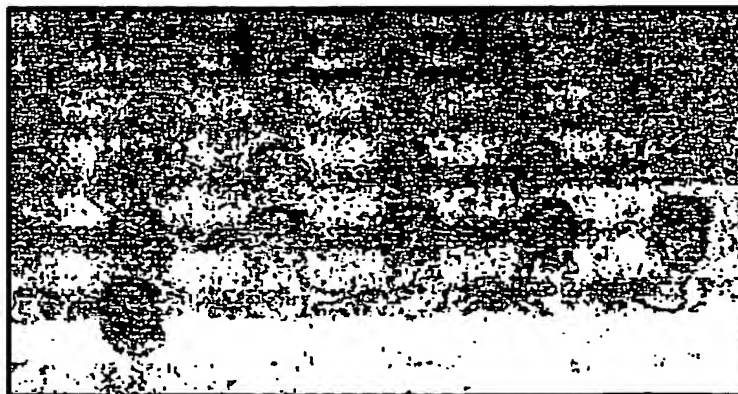


FIG. 8C

BEST AVAILABLE COPY

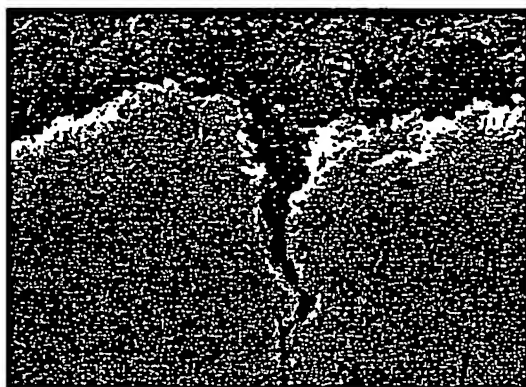


FIG. 9A



FIG. 9B

wt



FIG. 9C

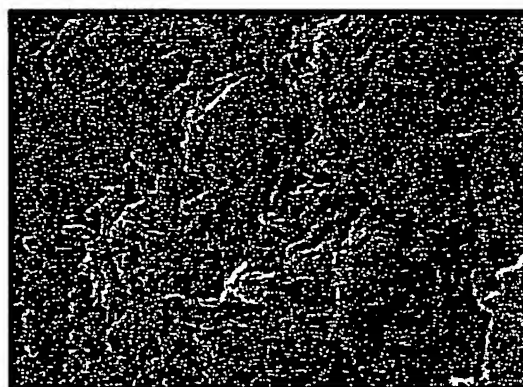


FIG. 9D

gacS-
mutant

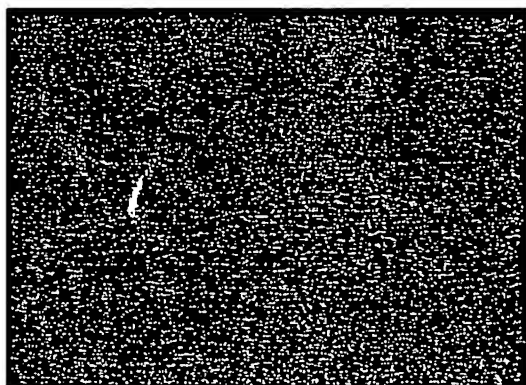


FIG. 9E

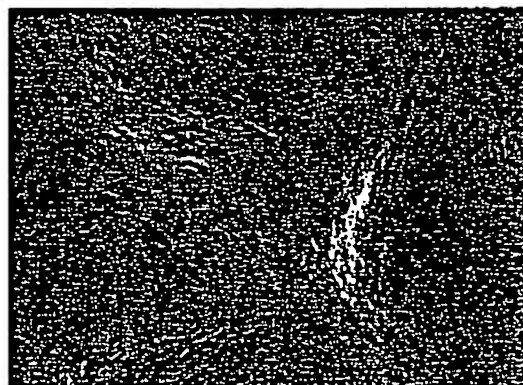


FIG. 9F

gacS-/+



FIG. 10A



FIG. 10B

wt

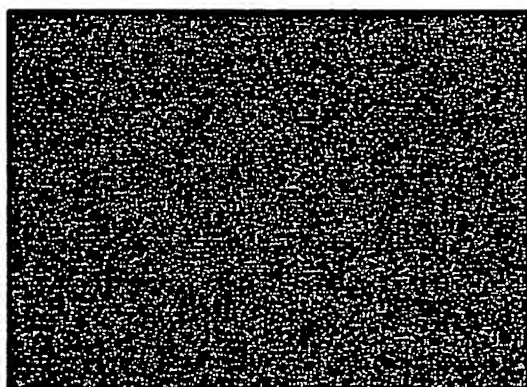


FIG. 10C

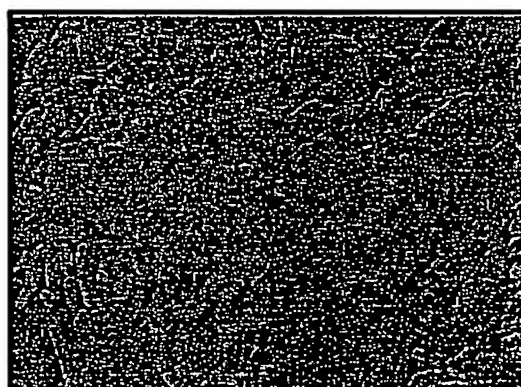


FIG. 10D

gacS-
mutant



FIG. 10E

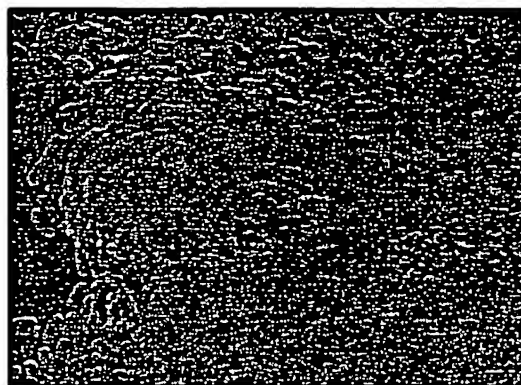


FIG. 10F

gacS-/+